

5 **A DEVICE FOR OPTICALLY REGENERATING PULSES, AN
INSTALLATION INCLUDING SUCH A DEVICE, AND THE USE OF THE
DEVICE**

Abstract of the Disclosure

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15 This device for optically regenerating pulses
includes a synchronous intensity modulator to provide
time synchronization for pulses passing through it and to
stabilize intensity fluctuations in the pulses. In
addition, it includes noise suppression circuitry in the
form of a saturable absorber that is distinct from the
synchronous intensity modulator and the intensity
fluctuations stabilizer.

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